WHAT IS CLAIMED IS:

- A line card and backplane combination for reduced EMI emissions comprising:
 - a backplane;
- 5 a printed circuit board;
 - a printed circuit board carrier attached to the printed circuit board;
 - a bracket having a first leg and a second leg, the first leg electrically contacting the backplane; and
 - a clip electrically engaged with the second leg, the carrier, and the printed circuit board.
 - 2. The combination of Claim 1, wherein: the printed circuit board has a length;

the bracket has a length that is at least a majority of the length of the printed circuit board; and

the clip is electrically engaged with the second leg, the carrier, and the printed circuit board over the length of the bracket.

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- 3. The combination of Claim 1, wherein the bracket comprises a right angle bracket having the right angle formed by the first leg and the second leg.
- 4. The combination of Claim 1, wherein the clip is formed from beryllium copper.
 - 5. The combination of Claim 1, wherein the carrier comprises a flat portion and a plurality of standoffs extending from the flat portion.

- 6. The combination of Claim 1, wherein the bracket has a length that is substantially the same as the length of the printed circuit board carrier.
- 7. The combination of Claim 1, and further comprising a printed circuit board receiver formed on the backplane substantially parallel to the bracket, the receiver engaged with the printed circuit board.
- 8. The combination of Claim 1, wherein the clip comprises a clip having a cross section that comprises two curved sections adapted to receive the first leg therebetween and first and second flat sections, the first flat section engaging the printed circuit board and the second flat section affixed to the carrier.
 - 9. The combination of Claim 1, wherein the clip comprises a clip having a cross section having two disconnected portions.

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- 10. The combination of Claim 1, wherein the EMI clip comprises a clip having a cross section that comprises two curved sections adapted to receive the first leg therebetween and a third curved section connecting the two curved sections together.
- 11. The combination of Claim 1, wherein the printed circuit board comprises a motherboard.

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- 12. A telecommunications backplane comprising:
- a conductive plate;
- a printed circuit board receiver formed on the plate and operable to engage a printed circuit board, the printed circuit board receiver having a length; and
- a connector coupled to the conductive plate substantially parallel to the printed circuit board receiver and having a length that is at least a majority of the length of the printed circuit board receiver.
- 13. The backplane of Claim 12, wherein the connector is a right angle bracket having a first leg and a second leg.
- 14. The backplane of Claim 12, wherein the connector comprises a clip disposed within a U-bracket.
- 15. The backplane of Claim 12, wherein the printed circuit board receiver and the bracket are approximately the same length.
 - 16. The backplane of Claim 12, wherein the printed circuit board comprises a plurality of electrical connectors for receiving respective electrical connectors formed on a printed circuit board.
 - 17. The backplane of Claim 12, wherein the backplane further comprises a plurality of conductive traces electrically connected to the printed circuit board receiver.

- 18. The backplane of Claim 12, wherein the right angle bracket is a continuous bracket.
- 19. The backplane of Claim 12, wherein the right angle bracket comprises a plurality of segments disconnected from each other and wherein the length comprises the sum of all lengths of the segments.

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- 20. A printed circuit board and carrier combination comprising:
 - a plate having a length and an edge;
- an EMI clip electrically engaged with and extending a substantial portion of the length of the plate and formed proximate to the edge;
 - a plurality of standoffs extending from the plate; and
- a printed circuit board affixed to the standoffs and 10 engaged with the clip.
 - 21. The combination of Claim 20, wherein the clip comprises two opposing receiving sections operable to receive a leg of a bracket therebetween.
 - 22. The combination of Claim 20, wherein the clip is affixed to the printed circuit board.
- \$23.\$ The combination of Claim 20, wherein the EMI \$20.\$ clip extends the length of the plate.
 - 24. The combination of Claim 21, wherein the EMI clip further comprises first and second flat portions, the first flat portion engaged with the printed circuit board and the second flat section engaged with the carrier.
 - 25. The combination of Claim 20, wherein the EMI clip comprises a clip having a cross section having two disconnected portions.

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26. The combination of Claim 20, wherein the EMI clip comprises a clip having a cross section that comprises two curved sections adapted to receive the first leg therebetween and a third curved section connecting the two curved sections together.

27. A method for reducing EMI emissions comprising: providing a backplane having a plurality of printed circuit board receivers and a plurality of respective EMI reduction connectors formed parallel to the respective printed circuit board receiver, each connector having a length approximately the same as the length of the respective printed circuit board receiver;

for each printed circuit board receiver;

connecting an associated printed circuit board 10 to the respective printed circuit board receiver;

electrically coupling an associated printed circuit board carrier to the EMI reduction connector by an EMI clip; and

electrically coupling the printed circuit board to the EMI reduction connector by the EMI clip.

28. The method of Clam 27, wherein:

each EMI reduction connector has a length approximately the same as the length of the respective printed circuit board receiver; and

wherein electrically coupling an associated printed circuit board carrier to the EMI reduction connector by an EMI clip comprises electrically coupling an associated printed circuit board carrier to the EMI reduction connector by an EMI clip over a substantial portion of the length of the printed circuit board carrier.

29. The method of Claim 27, wherein the EMI reduction connector comprises a bracket.

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- 30. The method of Claim 27, wherein electrically coupling an associated printed circuit board carrier to the EMI reduction connector comprises electrically coupling an associated printed circuit board carrier to a connector having two opposed portions adapted to receive a leg of a bracket therebetween.
 - 31. The method of Claim 29, wherein the bracket is a right-angle bracket.
 - 32. The method of Claim 27, wherein at least one of the connectors comprises a continuous connector.
 - 33. The method of Claim 27, wherein at least one of the connectors comprises a plurality of segments disconnected from each other and wherein the length comprises the sum of all lengths of the segments.

- 34. A backplane and line card combination for reducing EMI emissions comprising:
 - a backplane;
- a means for carrying a printed circuit board having
 a length;
 - a means disposed on the backplane for coupling the backplane to the means for carrying; and
 - a means for electrically engaging the means for carrying with the means for coupling and the printed circuit board over a substantial portion of the length of the printed circuit board.